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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>09447472 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>ARMSTRONG ET AL. |
|  | <b>Examiner</b><br><br>SUMAIYA A CHOWDHURY     | <b>Art Unit</b><br><br>2421  |

| SEARCHED       |                         |           |          |
|----------------|-------------------------|-----------|----------|
| Class          | Subclass                | Date      | Examiner |
| 725            | 91, 92, 114, 115, 145   | 8/6/2009  | SAC      |
| 709            | 213-216, 231, 235       | 8/8/2009  | SAC      |
| 711            | 117, 159, 165, 170, 173 | 8/11/2009 | SAC      |
| updated search |                         | 6/28/2011 | SAC      |

| SEARCH NOTES                           |           |          |
|--|-----------|----------|
| Search Notes                           | Date      | Examiner |
| Double Patenting Search                | 6/28/2011 | SAC      |
| Inventorship Search                    | 6/28/2011 | SAC      |
| Consulted Luke Wassum, Class 707       | 8/10/2009 | SAC      |
| Consulted Neveen Abel Jalil, Class 707 | 8/11/2009 | SAC      |
| Consulted Gary Portka, Class 711       | 8/11/2009 | SAC      |
| Consulted Brian Peugh, Class 711       | 8/11/2009 | SAC      |
| Consulted Hunter Lonsberry, Class 725  | 12/14/09  | SAC      |
| Consulted Son Huynh                    | 6/15/2010 | SAC      |
| Consulted Khanh Pham, Class 707        | 8/31/2010 | SAC      |
| QEM                                    | 2/2/2011  | sac      |
| Consulted Philip Lee, Class 709        | 2/3/2011  | sac      |
| Consulted Shane Thomas, Class 711      | 2/4/2011  | sac      |
| QEM                                    | 6/8/2011  | sac      |
| Consulted Dominic Saltarelli           | 6/28/2011 | sac      |

| INTERFERENCE SEARCH       |          |           |          |
|---------------------------|----------|-----------|----------|
| Class                     | Subclass | Date      | Examiner |
| see attached search notes |          | 8/11/2009 | SAC      |

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